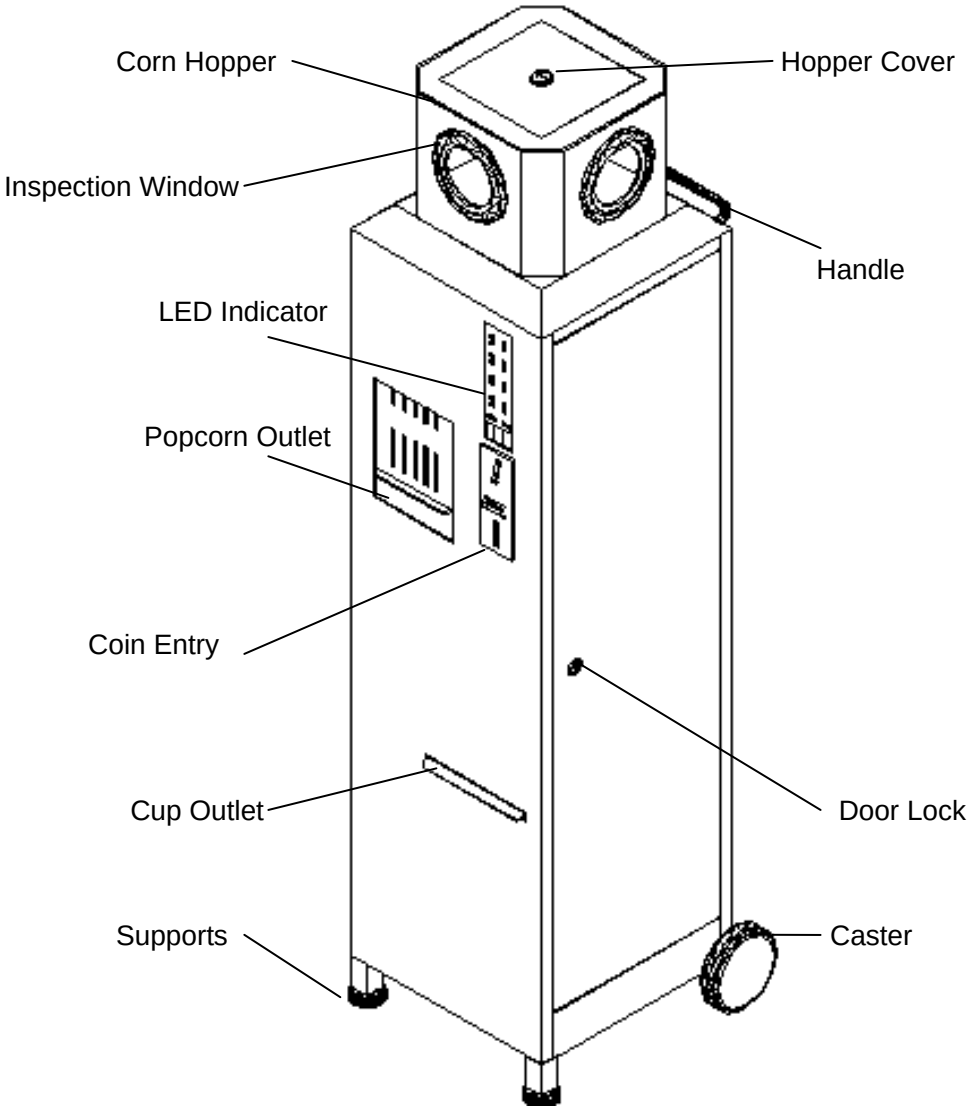
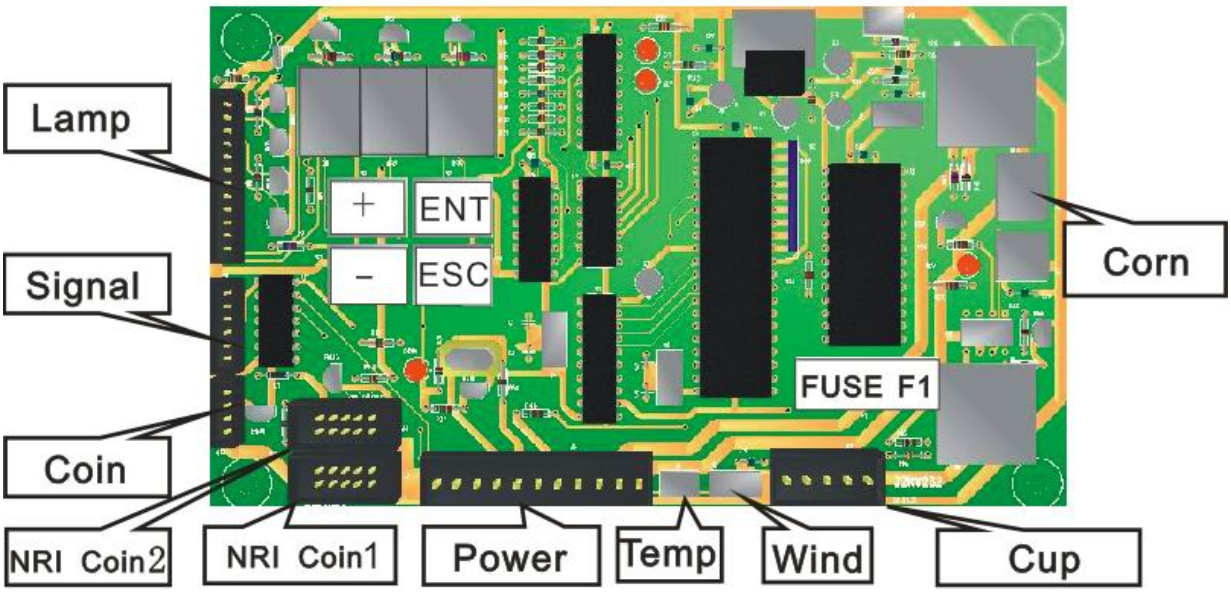
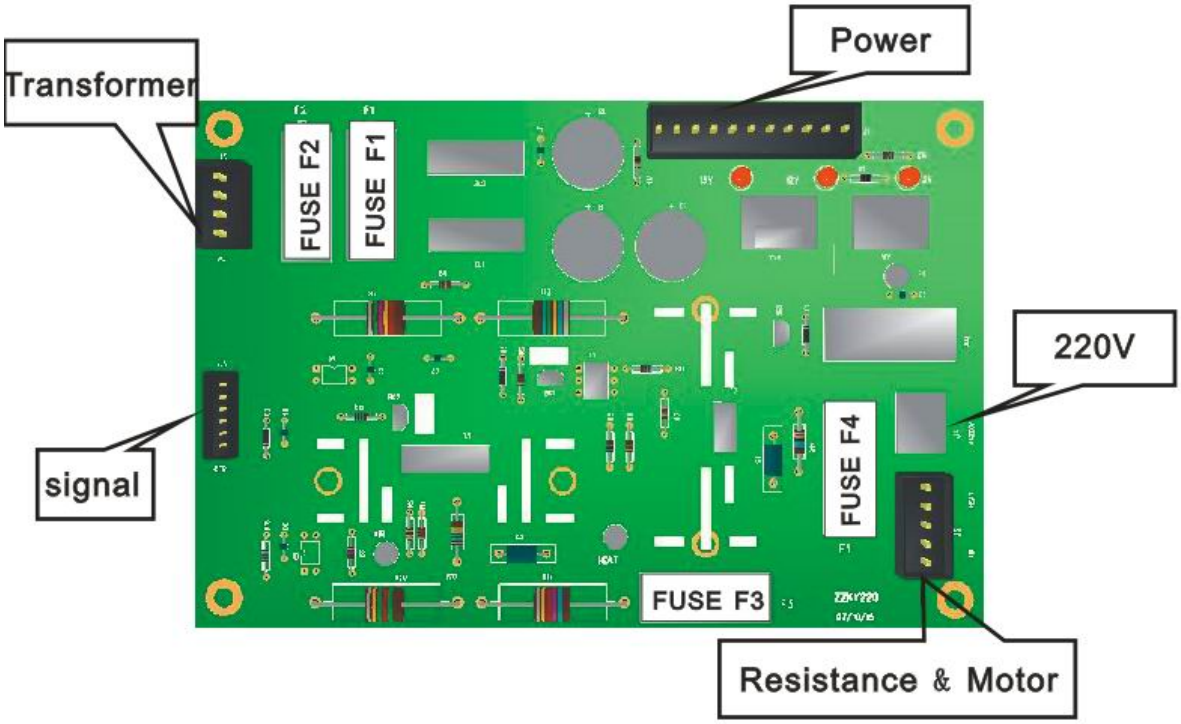
- **Machine Structure**



Mainboard & Power Board



Pic.1 Mainboard



Pic.2 Power Board

Note: The fuse-F1 on Mainboard (Pic.1) is 2A, and the fuse for machine is 10A.
On Power Board (pic.2), F1 is 2A, F2=4A, F3=6A, F4=8A.

User Manual of Popcorn Machine (TR7500)

● General Operation

Power-On: Plug in and switch machine on, and 4 seconds after the fan starts, the current vending price shows on LED above coin acceptor and the coin-insert indicator flashes. In case the machine doesn't start, please check if the fuse beside power-switch and/or the fuse-F1 on power board (pic.2) are broken.

Vending Price: The vending price is adjustable, and please refer to MENU code of [1-6].

Working Process: Insert coins in required amount, then the machine will dispense a cup and begin to cook popcorn in countdown. Meanwhile, please put the cup into popcorn outlet and pull down the mask.

Cups: Please make sure there are enough cups inside machine. When cups run out, the machine will report error code [E-4] and stop working.

Corn: Please refill the corn-hopper with coins on time.

● Menu Settings

When machine stands by, press [ENT] to enter into menu, and press [+] [-] to select the item you want to set.

1. View Total Sales Statistic

- Press [+] [-] to choose the code [1-1], and press [ENT] to check the statistic.
  The statistic range is 1- 99999, and the 3 high level digits show firstly and scroll to last 3 low level digits.
- Press any key to exit.

2. Cooking Time

- Press [+] [-] to select menu code [1-2], and press [ENT] to display cooking time.
- Press [+] [-] to adjust cooking time, and adjustable range is 50's - 240's.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

3. The Dispensed Length of Cup

- Press [+] [-] to select menu code [1-3], and press [ENT] to display the dispensed length of cup.
- Press [+] [-] to adjust the dispensed length, and the range is 1-10.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

4. Cooking Wind Speed

- Press [+] [-] and select [1-4], and press [END] to display cooking wind speed.
- Press [+] [-] to adjust the wind speed, and the range is 0-10.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

Notice: If the wind speed is too high, the corns cannot be popped; if the speed is too low, the corns tend to be overcooked, so it's suggested to keep the default setting.

5. Recover Default Settings.

- Press [+] [-] to select [1-5] , and press [ENT] to display [---].
- Press [ENT] to cover the default factory settings.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

Notice: The statistic will not be cleared to ZERO (0) after recovering factory setting.

6. Vending Price (Coin Numbers)

- Press [+] [-] to select [1-6] , and press [ENT] to display the required coin numbers.
- Press [+] [-] to adjust the coin numbers from 1–10 pcs.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

7. View Period Statistic

- Press [+] [-] to select [1-7], and press [ENT] to view period statistic, and the value range is 1-999.
- Press [ENT] to clear the period statistic, or press [ESC] to exit without clearing.

8. Sweeping Wind Speed

- Press [+] [-] to select [1-8], and press [ENT] to display the gale speed.
- Press [+] [-] to adjust the speed from 0-40.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

9. Cooking Temperature

- Press [+] [-] to select [1-9], and press [ENT] to display the cooking temperature.
- Press [+] [-] to adjust the temperature from 160℃-230℃.
- Press [ENT] to save the settings, or press [ESC] to give up the setting.

● Cautions

1. Load Cups

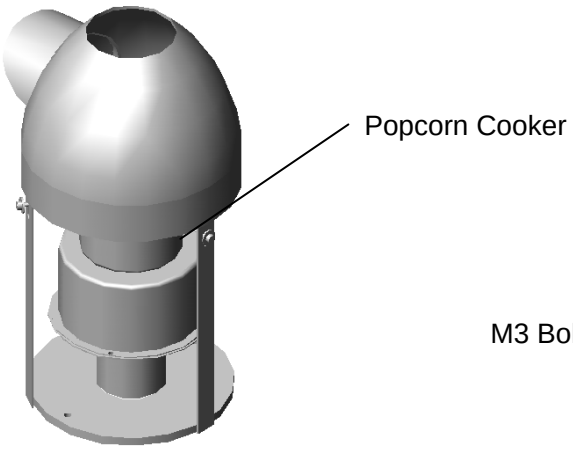
Stack up the cups with positive-negative interlace one by one, and load them into the grooves. After loading, put the metal weight on the top with the heavier end towards cup outlet. Press the button [-] on mainboard to test cup dispensing.

2. Load Corns

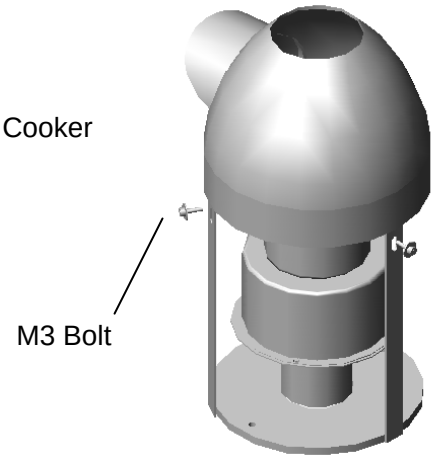
Please refill the hopper with corns on time.

3. Replace Heating Tray

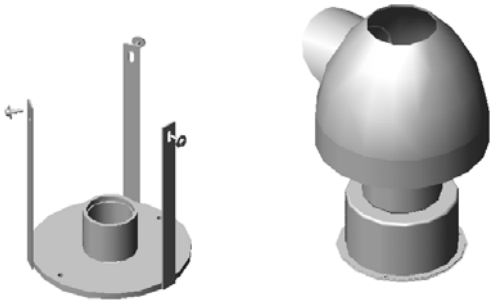
When machine indicates error [E-1] and the fuse-F4 on Power Board is not burn, then please replace the heating tray according to below drawings and instructions -



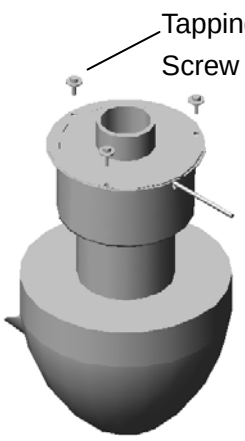
Pic.3



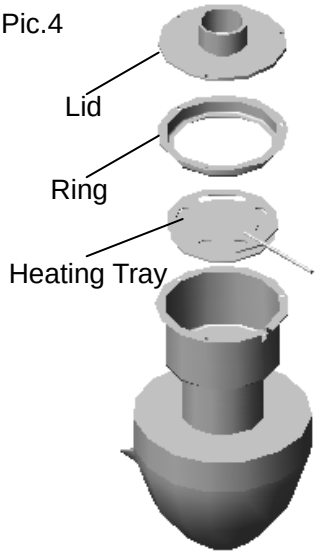
Pic.4



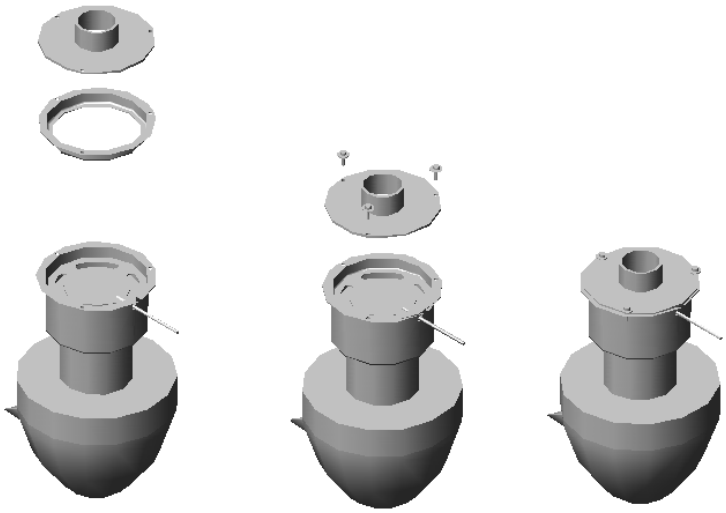
Pic.5



Pic.6



Pic.7



Pic.8

1) Open the backboard and release the two butterfly screws to take out the popcorn cooker.

2) Release the 3 pcs of M3 screws (Pic.4).

3) Dismantle it as shown (Pic.5).

4) Turn the upper part in Pic.5 upside down as shown by Pic.6.

5) Release the 3 tapping screws (Pic.6)

6) Take off the lid, ring and heating tray by sequence as shown on Pic.7.

7) Change a new heating tray and reassemble the cooker according to reversed steps.

4. Power Supply

The acceptable voltage should be from 200-240V/50Hz. When machine stands by, the LED on mainboard will display current voltage, and the error code E-8 will be displayed if the voltage is out of range. And, the rated current of wall socket should be 15A or above.

● Error Codes & Troubleshooting

1. Error Code: E-1

Reason 1: The fuse-F4 on power board was burn

Solution: Turn off machine, and change a new fuse (8A)

Reason 2: Heating Resistor was burn

Solution: Replace the heating tray.

2. Error Code: E-2 - Fan Malfunction。

Reason: The fuse-F3 on power board (Pic.2) was burn.

Solution: Turn off machine, and replace a new fuse (6A).

3. Error Code: E-3 - Fan Malfunction

Reason: Fan speed is too low, which will cause the internal temperature too high and harm the machine.

Solution: Increase the fan speed.

4. Error Code: E-4 - No Cup, and please refill the cups on time.

Note: No need to turn off machine when loading cups.

5. Error Code: E-5 - Malfunction of Cup Dispenser

Reason 1: Cup choked by mechanical failure, or cups don't stack up well in groove.

Solution: Turn off machine to clear the choked cup, and adjust the cups inside groove.

Reason 2: The fuse-F2 on power board (Pic.2) and/or fuse-F1 on mainboard (Pic.1) was burn.

Solution: Turn off machine, and replace the fuse.

Reason 3: Cup dispensing motor broken

Solution: Replace the motor.

6. Error Code: E-6 - Corn Dispenser Malfunction

Reason 1: Fuse-F2 on power board (Pic.2) was burn;

Solution: Turn off the machine and replace the fuse to try.

Reason 2: Mechanical Failure

Solution: Please check if any mechanical parts related with corn dispensing was broken, and contact the supplier with photos or video about the malfunction.

7. Error Code: E-7 - Temperature Control Failure.

Reason: The mainboard cannot read temperature inside machine.

Solution: Please contact the supplier.

8. Error Code: E-8 - Power Supply Malfunction

Reason: The current voltage is out of 200V-240V

Packing List

1. Popcorn Machine 1 Pc
2. Paper Cups 120 Pcs
3. Heating Tray 1 Pc
4. Key 3 Pcs
5. Fuse 10A*2, 2A*2, 4A*2, 6A*2, 8A*2.

Major Specs

Power Supply:	AC220V
Maximum Power Consumption:	2000W
Machine Size:	440mm*420mm*1470mm
Machine Weight:	47kg
Corn Storage:	7.5kg
Cup Storage:	120 个
Cup Capacity:	1.2L